

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
 Data File : BM035612.D
 Acq On : 22 Jun 2022 22:19
 Operator : CG/JU
 Sample : N3426-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B2202-30

Quant Time: Jun 23 07:37:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 07:33:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

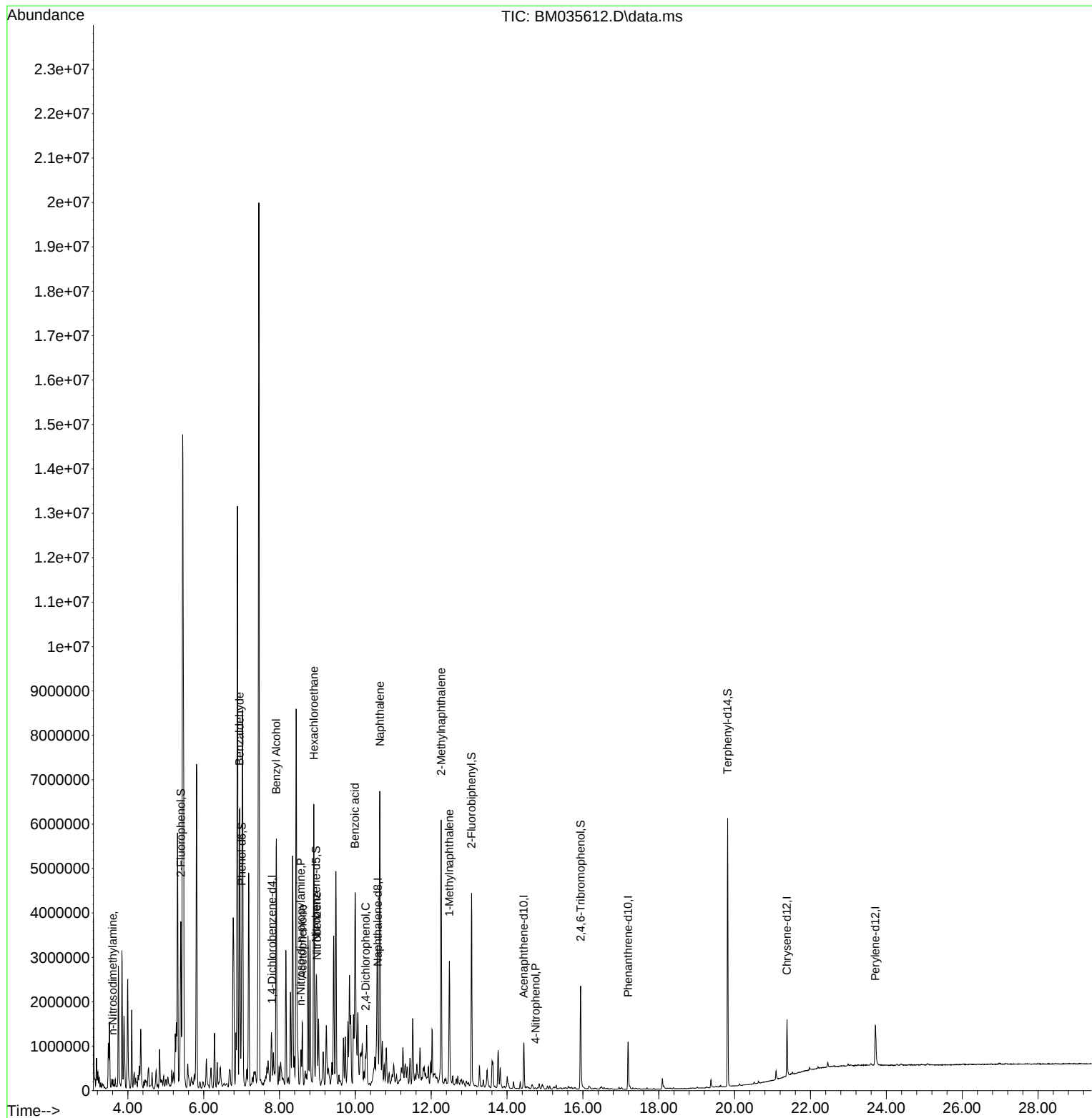
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	171555	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	671400	20.000	ng	# 0.00
39) Acenaphthene-d10	14.439	164	368183	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	689607	20.000	ng	0.00
76) Chrysene-d12	21.380	240	663407	20.000	ng	0.00
86) Perylene-d12	23.709	264	739161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1390242	137.422	ng	0.00
7) Phenol-d6	7.004	99	1718162	122.558	ng	0.00
23) Nitrobenzene-d5	8.963	82	1035077	83.779	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	501746	128.000	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2276177	88.320	ng	0.00
79) Terphenyl-d14	19.815	244	2896278	83.358	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.604	42	17859	3.585	ng	# 6
9) Benzaldehyde	6.945	77	384024	54.566	ng	# 1
15) Benzyl Alcohol	7.916	79	264823	28.198	ng	# 11
18) Hexachloroethane	8.904	117	550864	121.110	ng	# 1
19) n-Nitroso-di-n-propyla...	8.563	70	28525	3.237	ng	# 47
22) Acetophenone	8.604	105	978726	60.187	ng	# 55
24) Nitrobenzene	8.986	77	51754	4.575	ng	# 2
29) 2,4-Dichlorophenol	10.269	162	83495	8.832	ng	# 28
31) Naphthalene	10.645	128	4277673	127.200	ng	99
32) Benzoic acid	9.992	122	1184	4.777	ng	# 1
37) 2-Methylnaphthalene	12.263	142	3004193	129.719	ng	97
38) 1-Methylnaphthalene	12.480	142	1363547	60.239	ng	98
56) 4-Nitrophenol	14.751	139	1593	5.950	ng	# 61

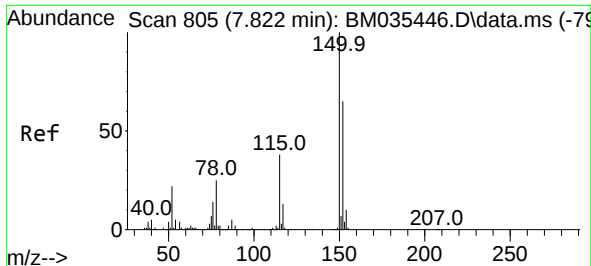
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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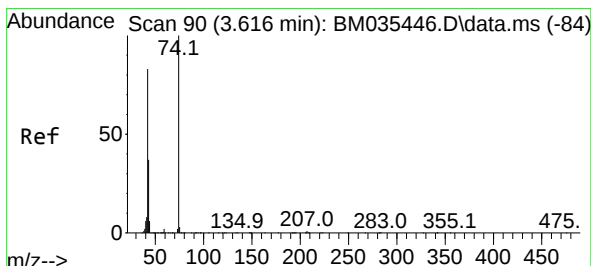
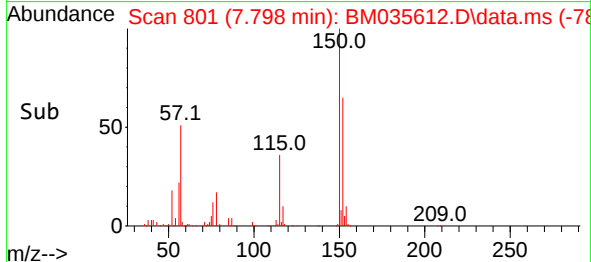
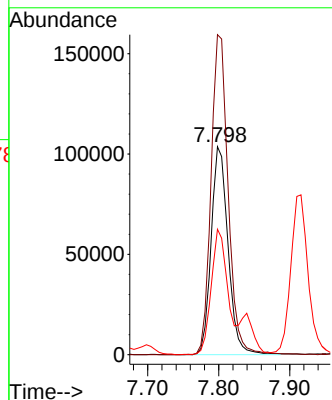
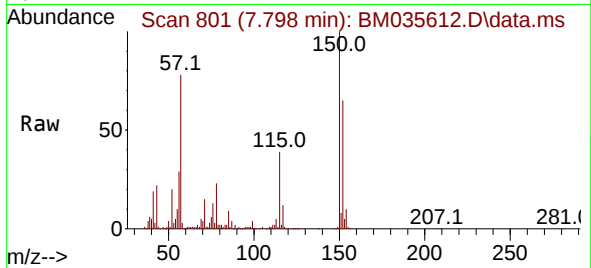




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

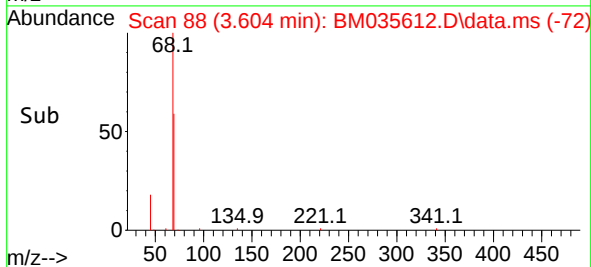
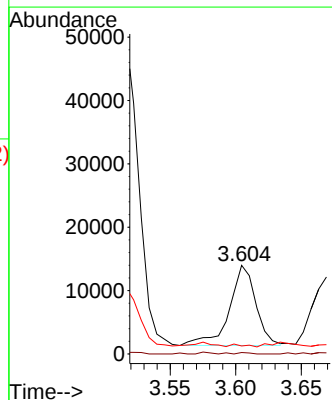
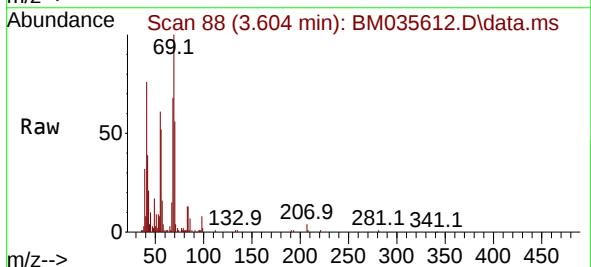
Instrument :
BNA_M
ClientSampleId :
B2202-30

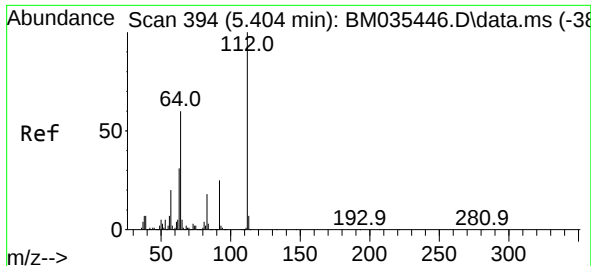
Tgt Ion:152 Resp: 171555
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 60.3 47.9 71.9



#4
n-Nitrosodimethylamine
Concen: 3.585 ng
RT: 3.604 min Scan# 88
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion: 42 Resp: 17859
Ion Ratio Lower Upper
42 100
74 1.6 81.6 122.4#
44 9.0 5.2 7.8#

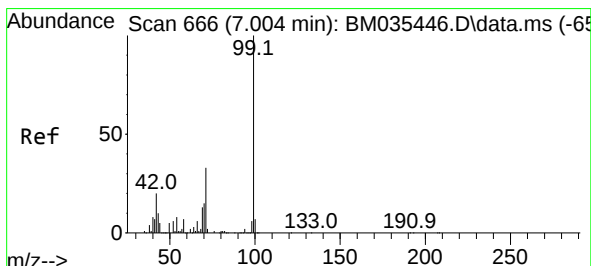
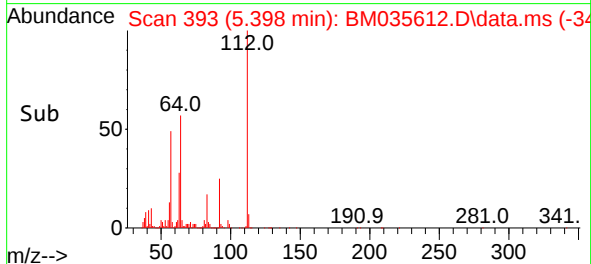
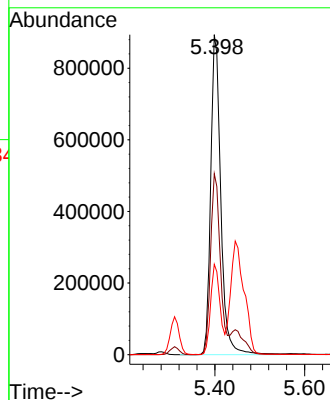
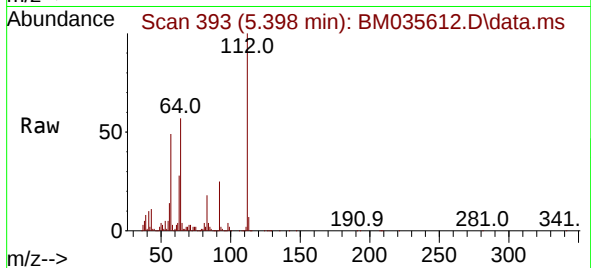




#5
2-Fluorophenol
Concen: 137.422 ng
RT: 5.398 min Scan# 394
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

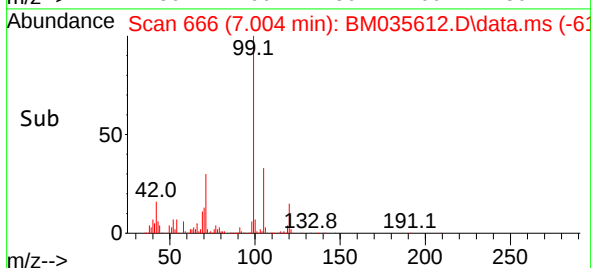
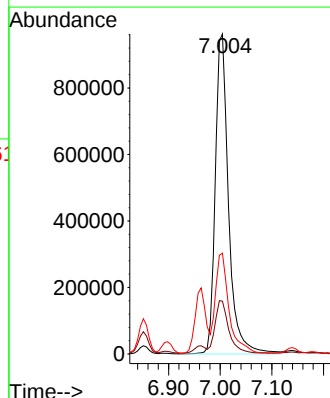
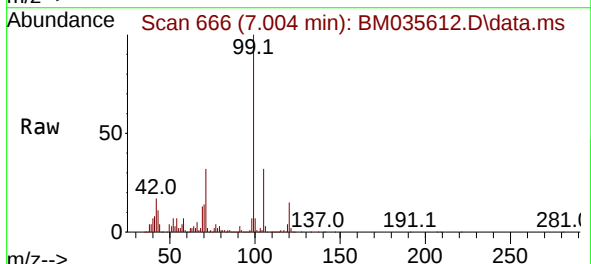
Instrument :
BNA_M
ClientSampleId :
B2202-30

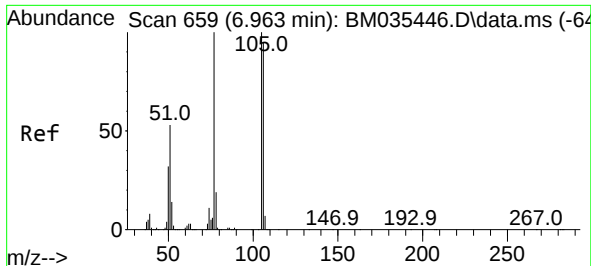
Tgt Ion:112 Resp: 1390242
Ion Ratio Lower Upper
112 100
64 56.6 47.8 71.6
63 28.3 26.6 40.0



#7
Phenol-d6
Concen: 122.558 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion: 99 Resp: 1718162
Ion Ratio Lower Upper
99 100
42 16.5 18.8 28.2#
71 31.5 30.2 45.2

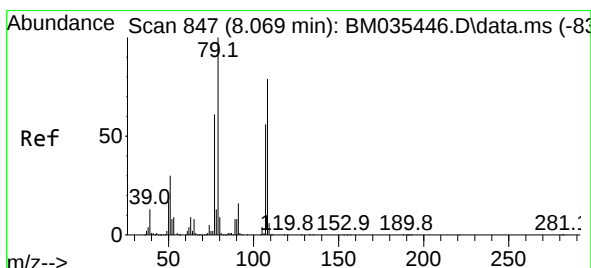
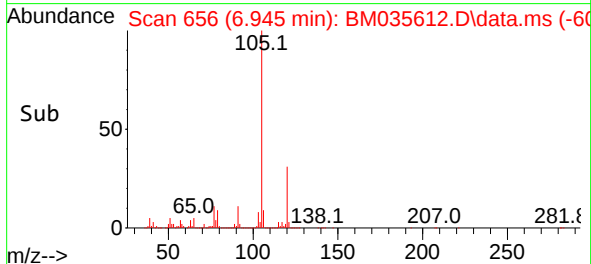
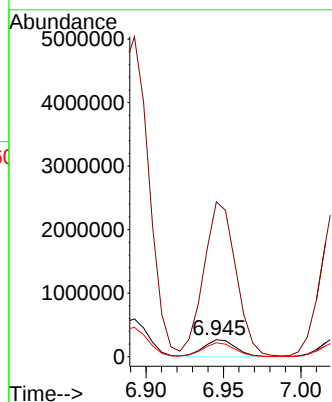
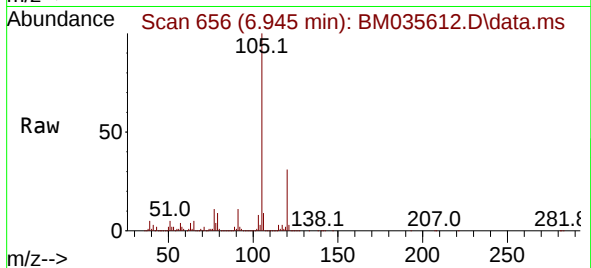




#9
Benzaldehyde
Concen: 54.566 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

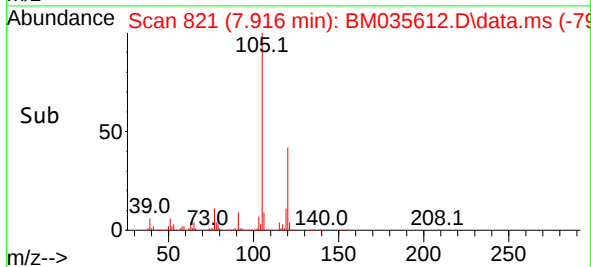
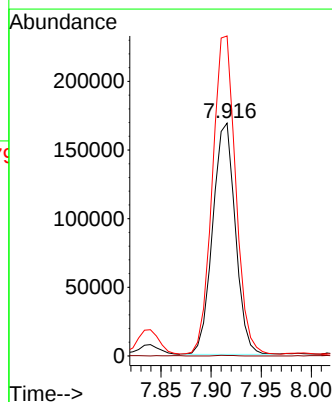
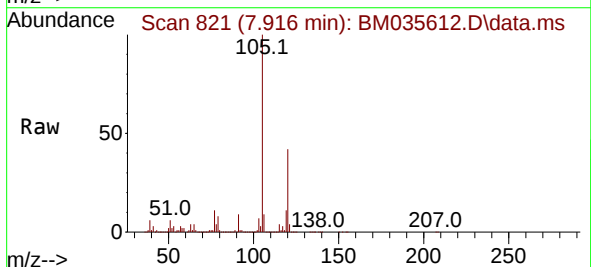
Instrument :
BNA_M
ClientSampleId :
B2202-30

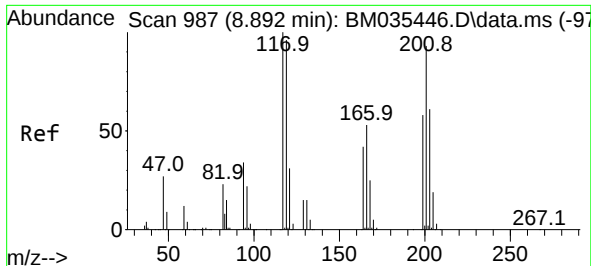
Tgt Ion: 77 Resp: 384024
Ion Ratio Lower Upper
77 100
105 916.6 76.3 116.3#
106 82.1 69.0 109.0



#15
Benzyl Alcohol
Concen: 28.198 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.141 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion: 79 Resp: 264823
Ion Ratio Lower Upper
79 100
108 0.2 59.0 88.4#
77 137.5 52.2 78.4#

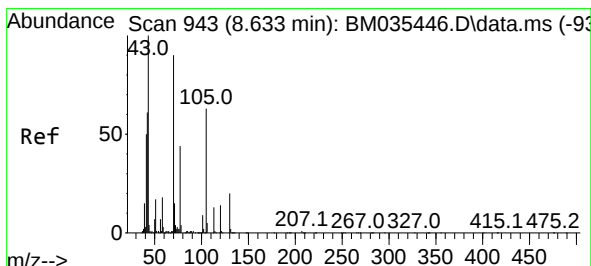
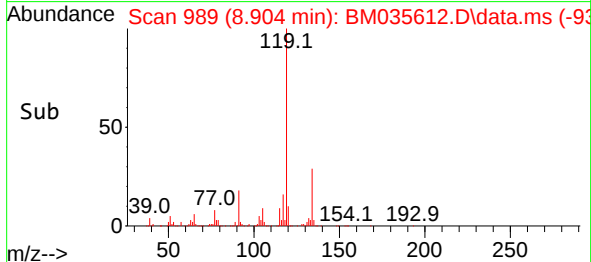
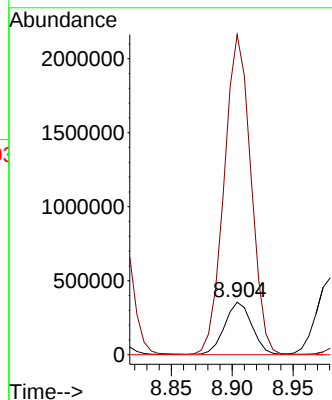
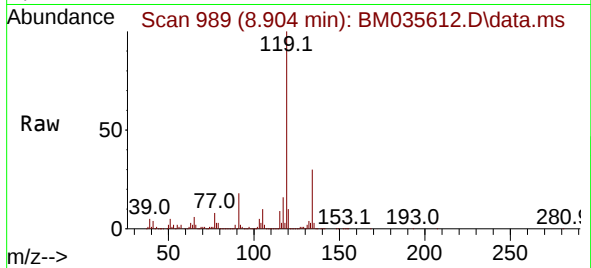




#18
Hexachloroethane
Concen: 121.110 ng
RT: 8.904 min Scan# 911
Delta R.T. 0.035 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

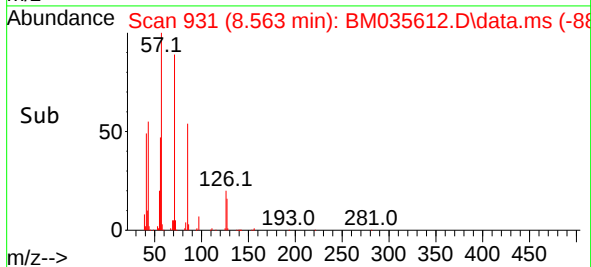
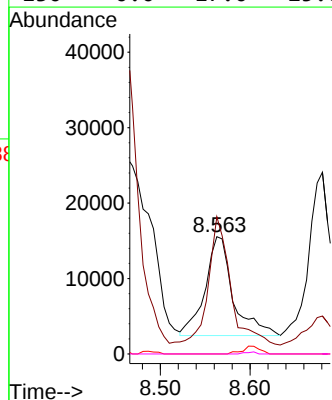
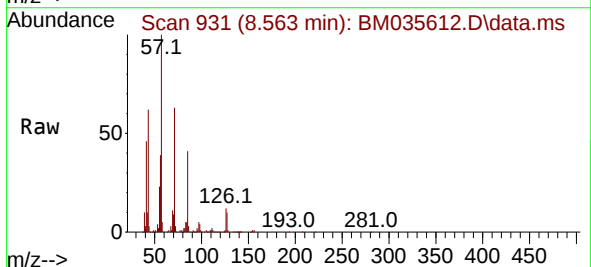
Instrument :
BNA_M
ClientSampleId :
B2202-30

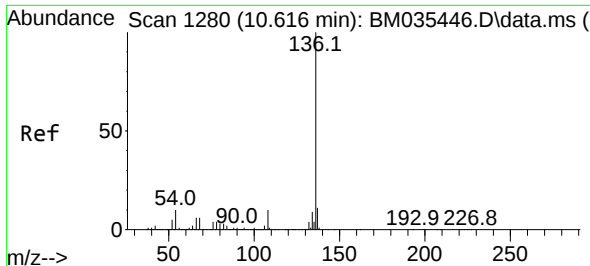
Tgt Ion:117 Resp: 550864
Ion Ratio Lower Upper
117 100
119 609.2 75.8 113.6#
201 0.0 81.0 121.4#



#19
n-Nitroso-di-n-propylamine
Concen: 3.237 ng
RT: 8.563 min Scan# 931
Delta R.T. -0.053 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion: 70 Resp: 28525
Ion Ratio Lower Upper
70 100
42 117.0 55.4 83.2#
101 0.0 7.8 11.6#
130 0.0 17.0 25.6#

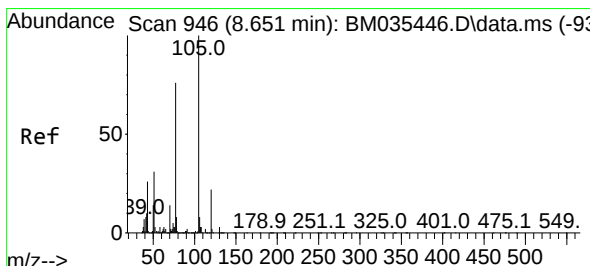
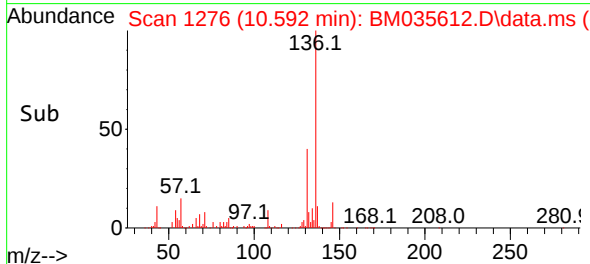
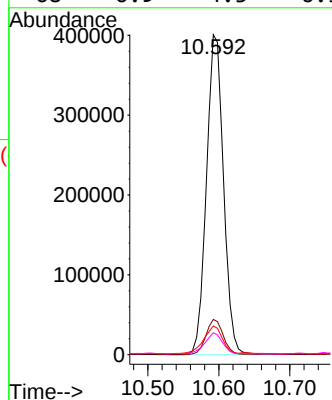
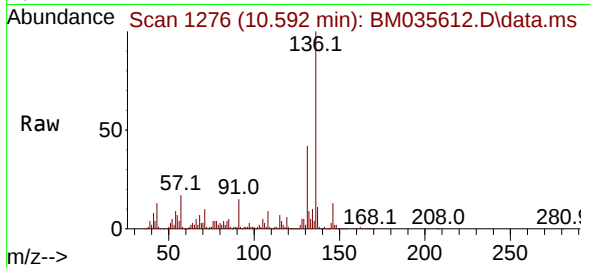




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

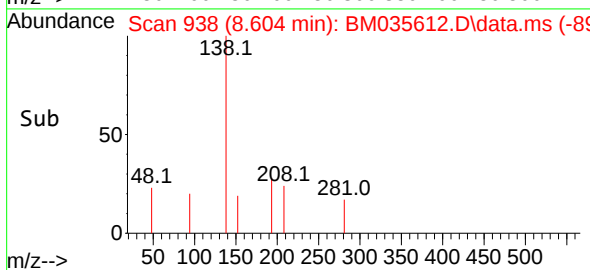
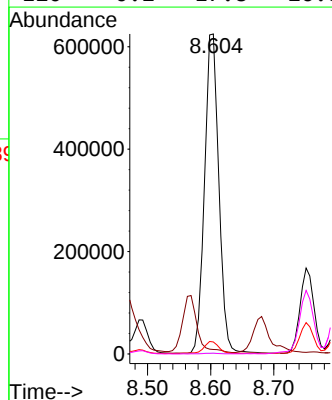
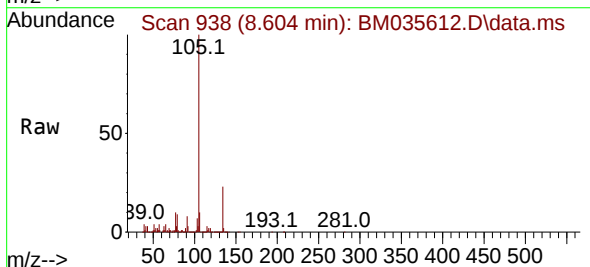
Instrument :
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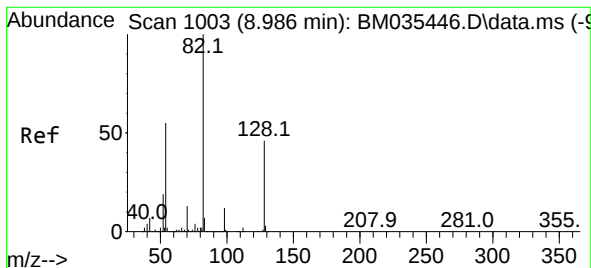
Tgt Ion:136 Resp: 671400
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.9 7.0 10.4
68 6.9 4.3 6.5#



#22
Acetophenone
Concen: 60.187 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.029 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion:105 Resp: 978726
Ion Ratio Lower Upper
105 100
71 1.4 5.0 7.4#
51 3.8 25.6 38.4#
120 0.2 17.8 26.8#

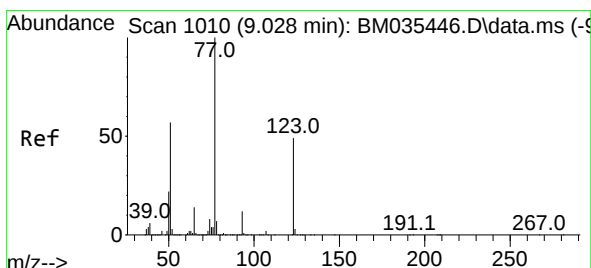
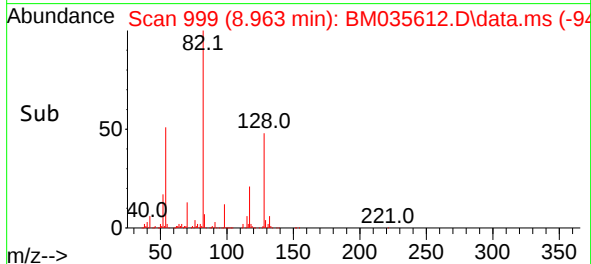
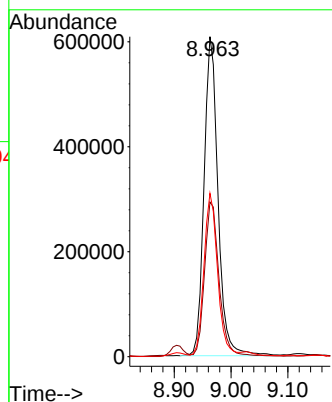
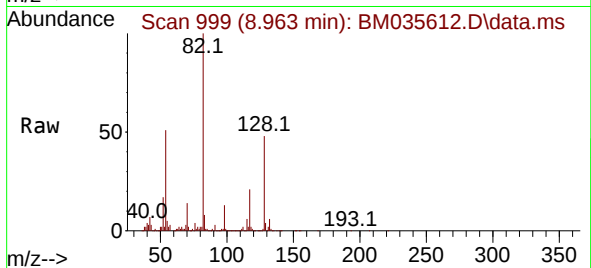




#23
Nitrobenzene-d5
Concen: 83.779 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

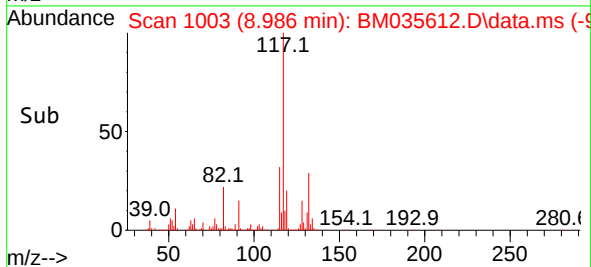
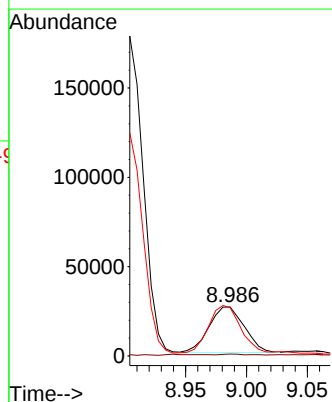
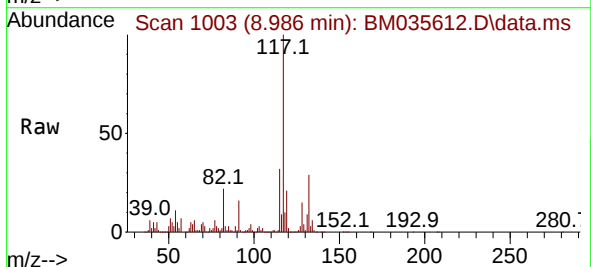
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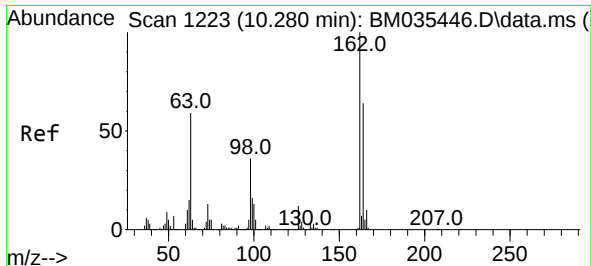
Tgt Ion: 82 Resp: 1035077
Ion Ratio Lower Upper
82 100
128 48.3 33.7 50.5
54 51.0 43.2 64.8



#24
Nitrobenzene
Concen: 4.575 ng
RT: 8.986 min Scan# 1003
Delta R.T. -0.023 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion: 77 Resp: 51754
Ion Ratio Lower Upper
77 100
123 3.8 36.2 54.4#
65 98.7 11.4 17.0#





#29

2,4-Dichlorophenol

Concen: 8.832 ng

RT: 10.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM035612.D

Acq: 22 Jun 2022 22:19

Instrument :

BNA_M

ClientSampleId :

B2202-30

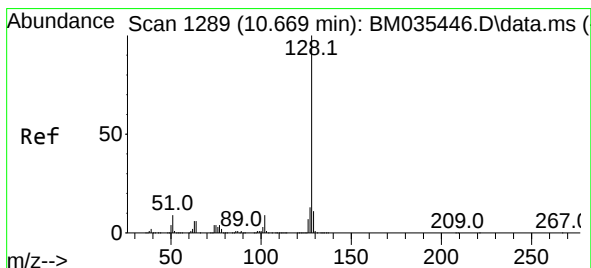
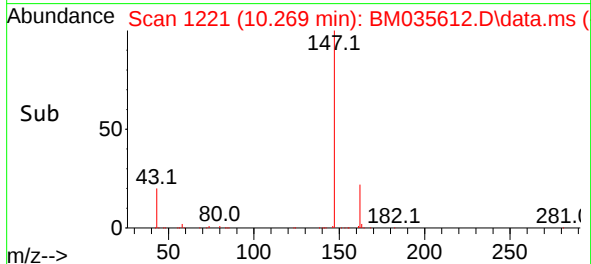
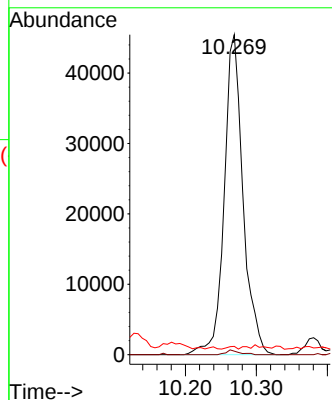
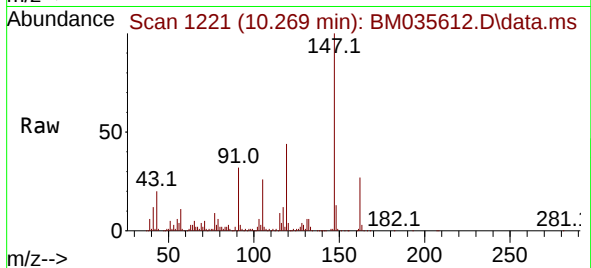
Tgt Ion:162 Resp: 83495

Ion Ratio Lower Upper

162 100

164 1.1 44.2 84.2#

98 2.6 15.0 55.0#



#31

Naphthalene

Concen: 127.200 ng

RT: 10.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BM035612.D

Acq: 22 Jun 2022 22:19

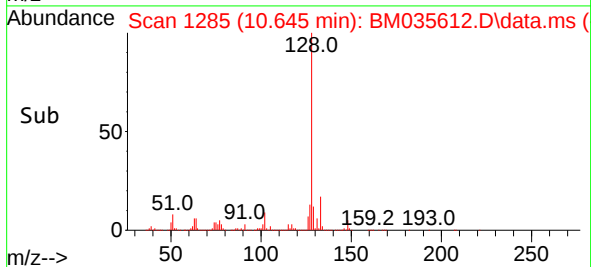
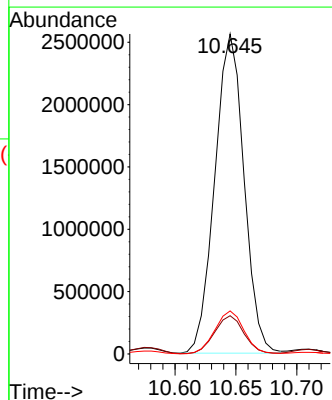
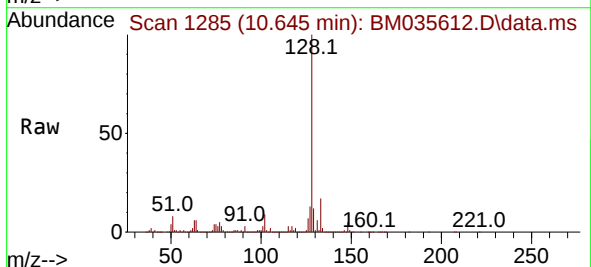
Tgt Ion:128 Resp: 4277673

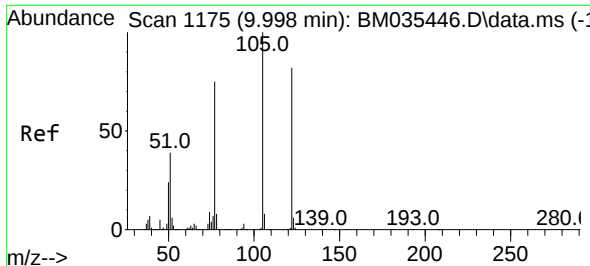
Ion Ratio Lower Upper

128 100

129 11.9 8.7 13.1

127 13.4 10.6 16.0

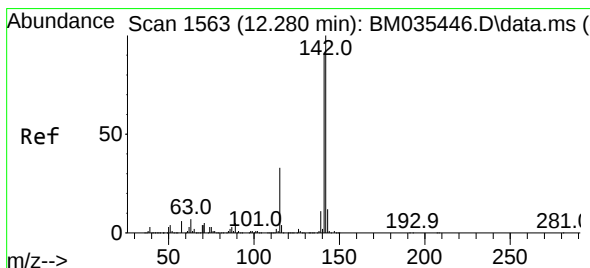
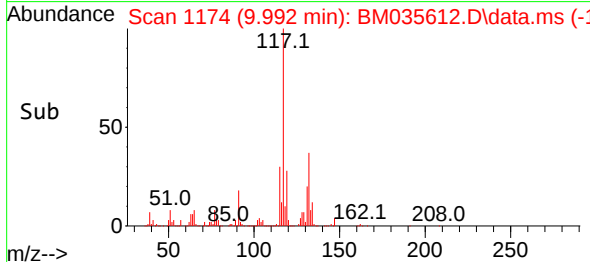
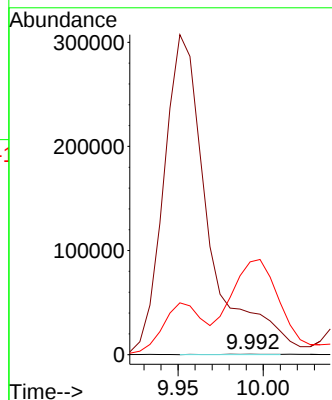
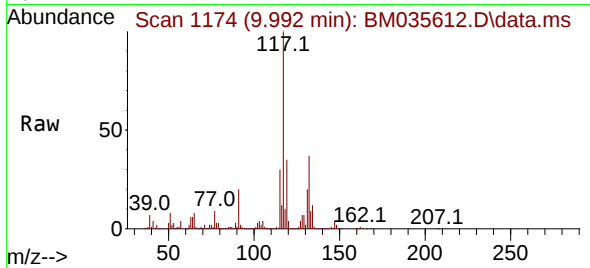




#32
Benzoic acid
Concen: 4.777 ng
RT: 9.992 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

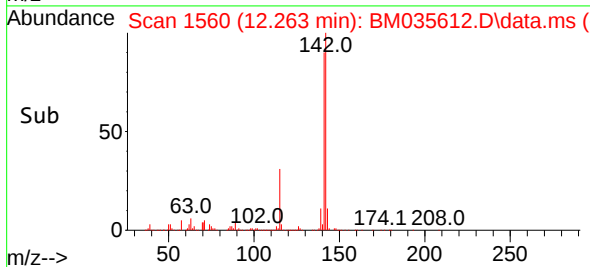
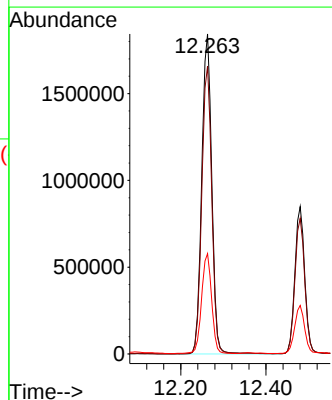
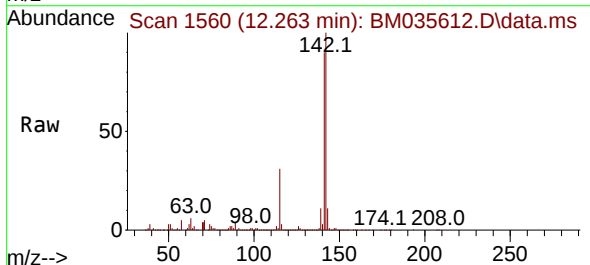
Instrument :
BNA_M
ClientSampleId :
B2202-30

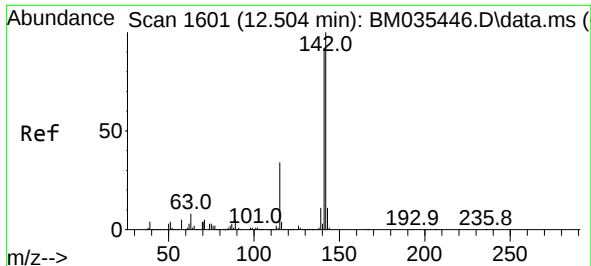
Tgt Ion:122 Resp: 1184
Ion Ratio Lower Upper
122 100
105 7299.8 105.7 145.7#
77 16121.5 80.0 120.0#



#37
2-Methylnaphthalene
Concen: 129.719 ng
RT: 12.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion:142 Resp: 3004193
Ion Ratio Lower Upper
142 100
141 89.9 72.4 108.6
115 31.3 29.6 44.4

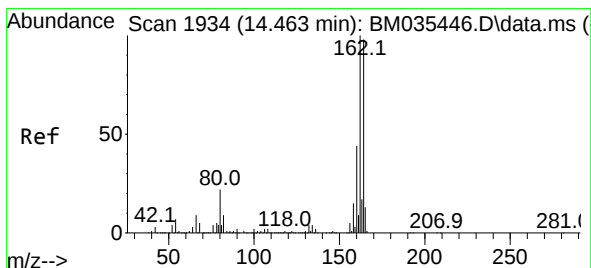
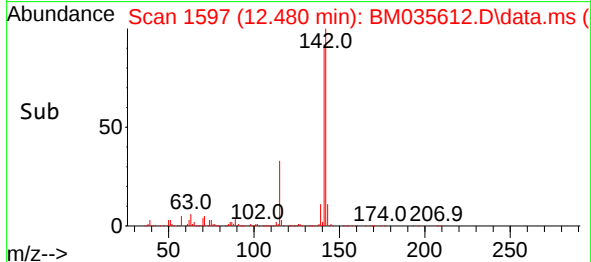
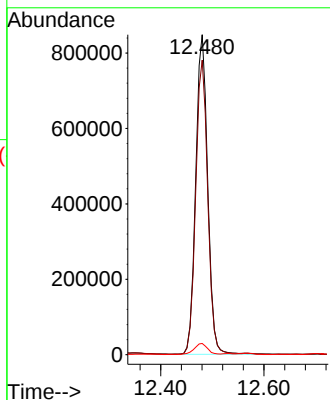
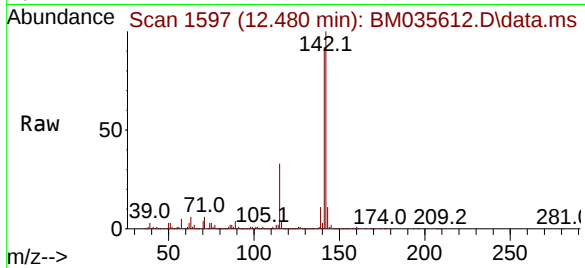




#38
1-Methylnaphthalene
Concen: 60.239 ng
RT: 12.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

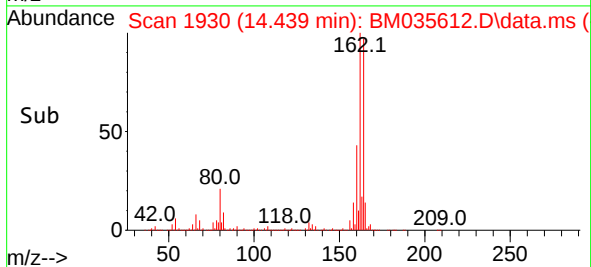
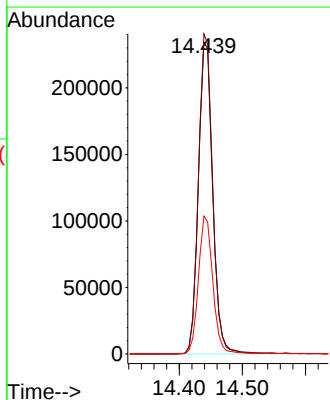
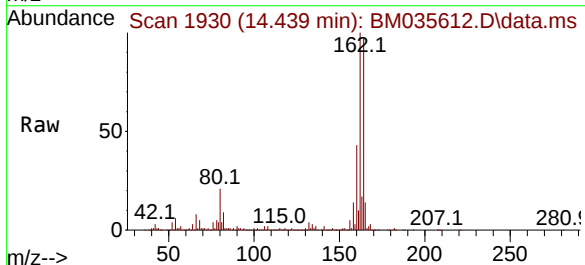
Instrument :
BNA_M
ClientSampleId :
B2202-30

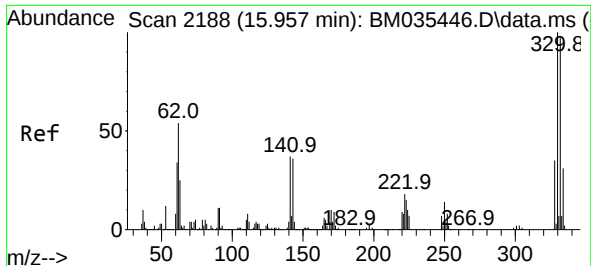
Tgt Ion:142 Resp: 1363547
Ion Ratio Lower Upper
142 100
141 92.0 75.0 112.4
116 3.5 3.4 5.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion:164 Resp: 368183
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.6
160 44.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 128.000 ng

RT: 15.939 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BM035612.D

Acq: 22 Jun 2022 22:19

Instrument :

BNA_M

ClientSampleId :

B2202-30

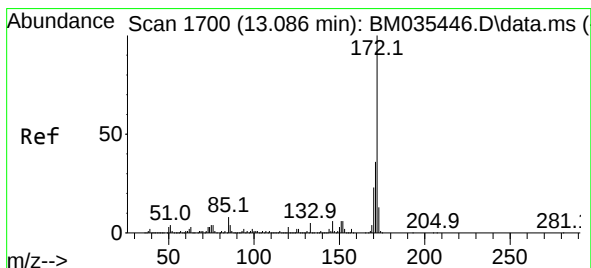
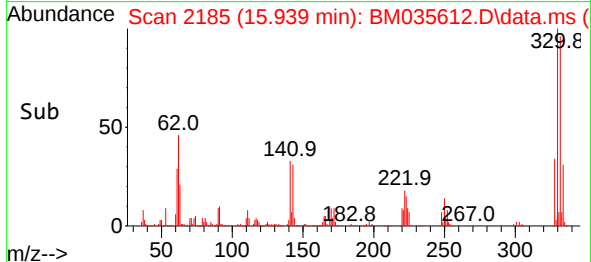
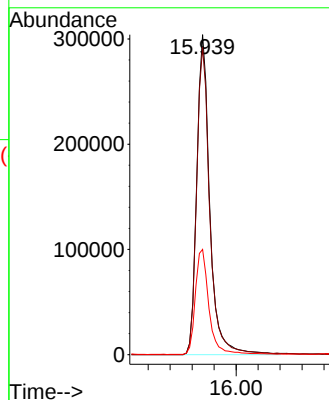
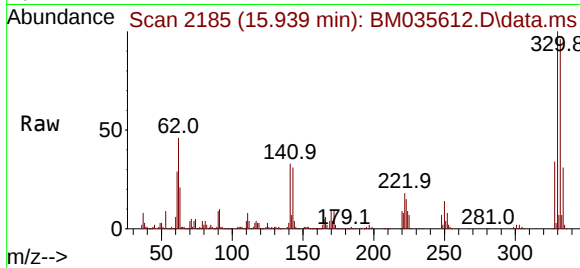
Tgt Ion:330 Resp: 501746

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.4

141 34.2 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 88.320 ng

RT: 13.063 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BM035612.D

Acq: 22 Jun 2022 22:19

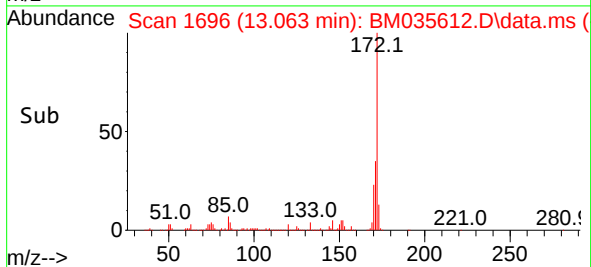
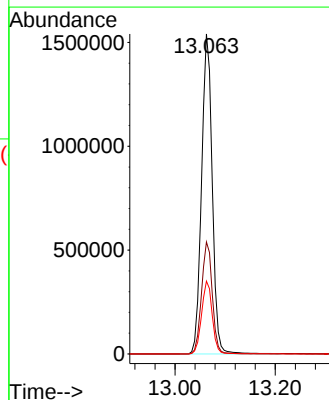
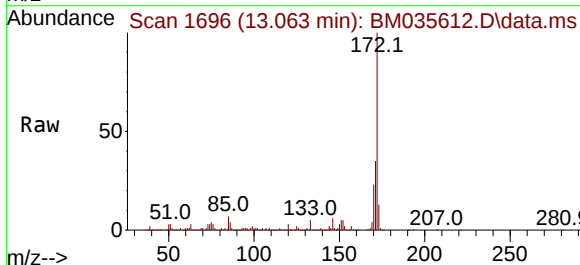
Tgt Ion:172 Resp: 2276177

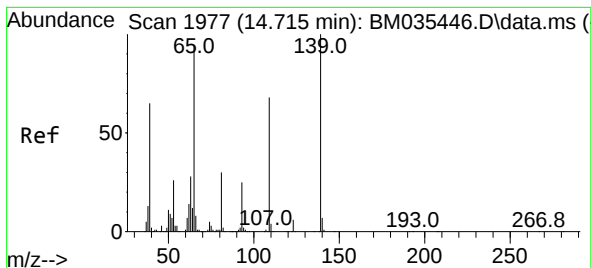
Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 22.7 18.7 28.1

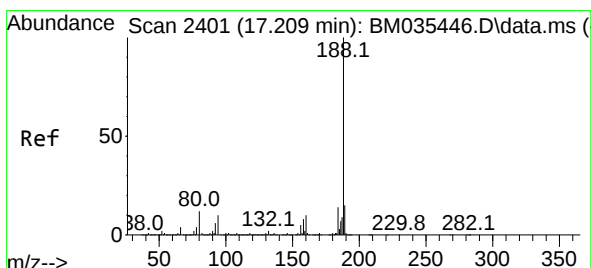
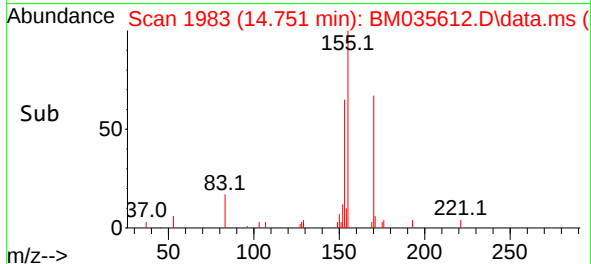
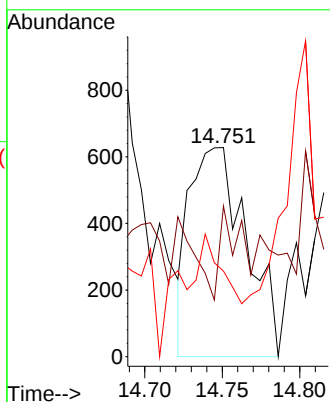
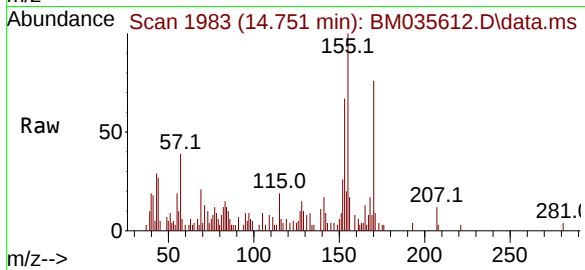




#56
4-Nitrophenol
Concen: 5.950 ng
RT: 14.751 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

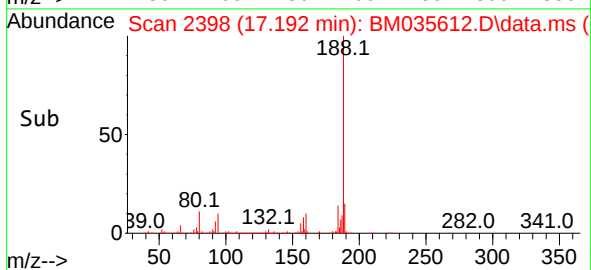
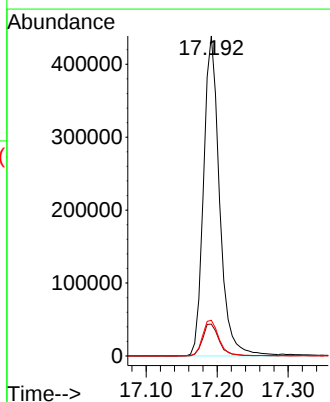
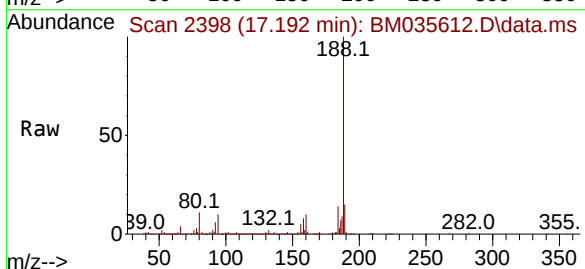
Instrument :
BNA_M
ClientSampleId :
B2202-30

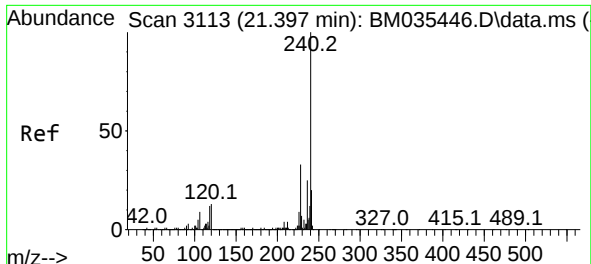
Tgt Ion:139 Resp: 1593
Ion Ratio Lower Upper
139 100
109 72.0 62.5 102.5
65 40.9 83.5 123.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion:188 Resp: 689607
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 11.1 7.6 11.4

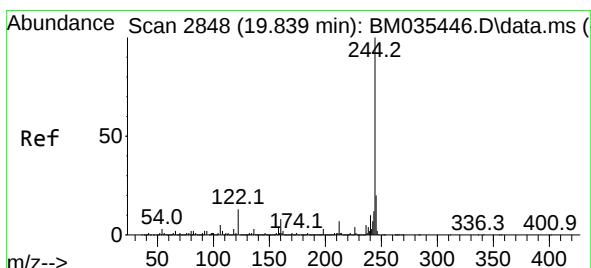
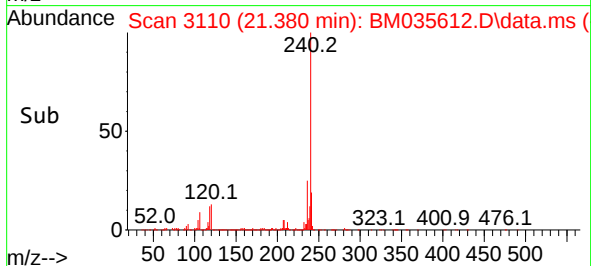
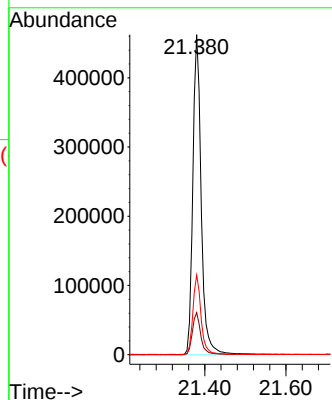
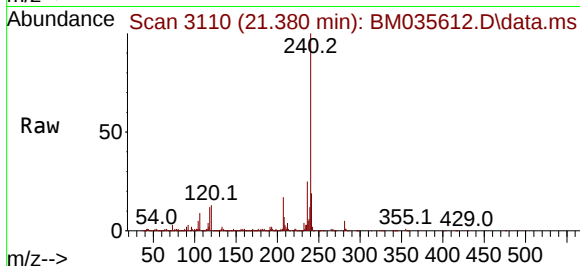




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

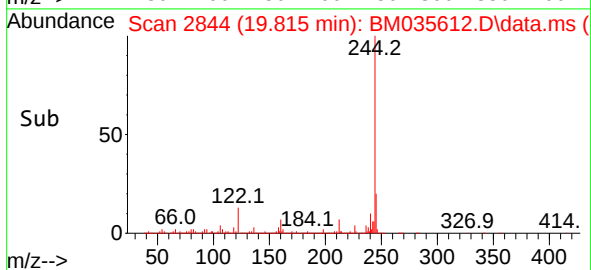
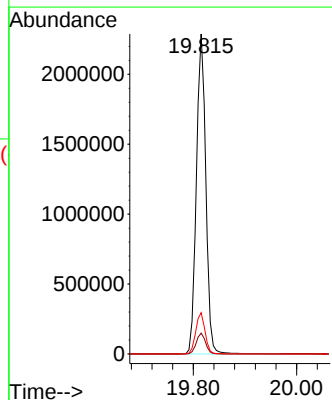
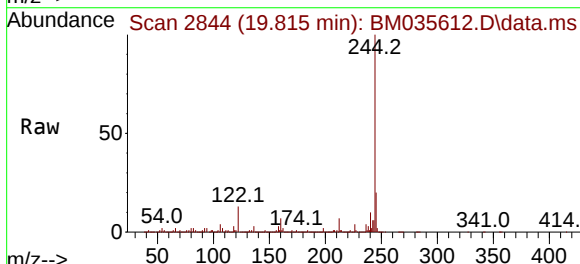
Instrument :
BNA_M
ClientSampleId :
B2202-30

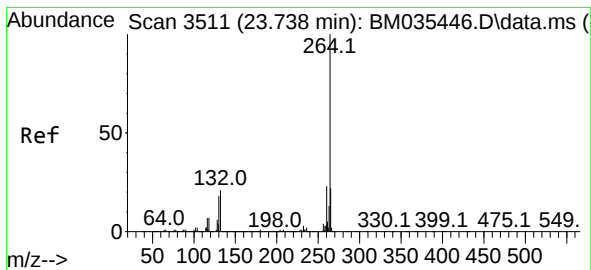
Tgt Ion:240 Resp: 663407
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.0
236 24.9 20.6 30.8



#79
Terphenyl-d14
Concen: 83.358 ng
RT: 19.815 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Tgt Ion:244 Resp: 2896278
Ion Ratio Lower Upper
244 100
212 6.5 6.2 9.4
122 12.9 8.3 12.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035612.D
Acq: 22 Jun 2022 22:19

Instrument :
BNA_M
ClientSampleId :
B2202-30

Tgt Ion:264 Resp: 739161

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.9	28.3
265	22.4	17.5	26.3

